

64

Intermediate Products of the Radiolysis of Water,
by V. A. Sharpatyy & M. A. Proskurnin.

RUSSIAN, per, Trudy II Vsesoyuznogo Soveshchaniya
po Radiatsionnoy Khimii, 1962.

*ACSI J-488

*TSTC-HT-23-54-68

V. A. Sharpatyy

Sci/Chem
June 68

The Radiation Chemistry of Aqueous Solutions,
by V. A. Sharpatyi, 18 pp.

RUSSIAN, per, Uspekhi Khim, Vol XXX, No 5,
1961, pp 645-678.

Cleaver-Hume Press

Sci

Aug 62

205,511

**Electron-Paramagnetic-Resonance Spectra and Kinetics
of the Radiolysis of Frozen Aqueous Sodium Nitrate
Solutions, by V. A. Sharpatyi, Ya. N. Malin,
& PP.**

**RUSSIAN, per, Zhur Fiz Khim, Vol XXXV,
No 7, 1961, pp 1465-1473.**

Cleaver-Hume Press

Sci

Apr 62

200,290

Sensibilization of the Radiolytic Conversion of
Sodium Nitrate in Aqueous Alkaline Solutions,
by V. A. Sharpati, V. D. Orekhov, M. A. Proskurnin,
9 pp.

RUSSEAN, bk, Action of the Ionizing Radiation on
the Inorganic and Organic Systems, Moscow, 1958.
Acad of Sci USSR, pp 37-42.

AEC 3389

Sci - Chem

76.443

Ecov 58

The Conversion of Oxidative Radiolysis Components in
the Nitrate-Water System, by M. A. Proskurnin, V. A.
Sharpatyy, V. I. Smirnova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 2,
1961, pp 410-413.

CB

190,313

Sci

Apr 62

PROSPECTS FOR DEVELOPING NEW STEELS FOR USE IN
THE CHEMICAL INDUSTRY, BY N. D. SHUPIRO,
A. L. BELITSKIY, 37 PP.

RUSSIAN, PER, INIIN MASHIN, NO 1, 1963,
PP 21-31.

JPRS 18189

18189
ECON
APR 63

835,73

THE USE OF WOUND ABSORBENT SICKED IN PERLOH FOR
EXPERIMENTAL PLASTIC SURGERY OF PERIPHERAL
ARTERIES, BY W. G. SHERWOOD, 7 PP.

RESEARCH, 1951, DEPT. OF HEALTH, 10 2, 1963,
PP. 1-7.

JUN 21 1963

SEARCHED & INDEXED
SERIALIZED

211,281

71

Intermediate Products of the Radiolysis of
Water, by V. A. Sharpatyy, M. A. Prokharin.
RUSSIAN, per, Trudy II Vsesoyuznogo
Soveshchaniya Po Radiatsionnoy Khimii, 1962,

7 pp.
ADSI J-11008
NSIC 11-23-51-68

V. A. Sharpatyy

Sci/Chem
Sep 68

363,265

The Spectra of Paramagnetic Electron
Resonance and the Kinetics of the Accumulation
of Radicals Formed During the Irradiation of
Frozen Aqueous Solutions of Sodium Nitrate
by Fast Electrons, by Yu. N. Molin, V. A.
Sharpatyy, N. Ya. Buben, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1224-1227.

Consultants Bureau

Sci

Sep 60

126,586

Radiolytic Reduction of Aqueous Sodium Nitrate
Solutions Saturated With Hydrogen, by V. A.
Skargatyi, V. D. Orekhov, 3 pp.

POLISH, per, Nukleonika, Vol IV, 1960, pp 487-489.

AEC Tr-4213

Sci - Phys
10 Nov 60
List 45

SLA: 60-23974

131,409

(NY-3432).

The Effect of Ionizing Radiation on the Body With
the Consumption of Different Quantities of
Histidine in the Food, by A. B. Sharpenak, O. A.
Gorozhankina, L. A., 6 pp.

RUSSIAN, per, Medit Radiolog, Vol IV, No 6, 1959.

JPRS 2773

Sci - Medicine

Oct 60

130,978

The Role of Nervous Excitation in the Formation
of Dental Caries, by A.E. Sharpenak,
V.R. Bobyleva. 7 pp.
RUSSIAN, per, Stomatologiya, Vol 7, No 3, 1963,
pp 7-10. P100027166
FTD-TT-65-068

67

A. E. SHARPENAK

Sci/DEM
Oct 66

309,496

Theory of Particle Focussing in a Linear Accelerator
Using a System of Transverse Lenses, by A. A.
Sbarshyanov, 8 pp.

RUSSIAN, *ptt*, *Atomnaya Energiya*, Supple No 4, 1957,
pp 83-. CIA 9033743

Consultants Bureau

Sci - Nuclear Phys
Nov 58

77.205

Extension of Poincaré's Theorem to
Nonlinear Equations, by N. A. Gerasimov,
20 pp.
Doklady, per, Ukrain Math Jour., Vol 31,
No 4, 1980, pp 415-430.
CLASSIFIED S-5826

F. F. ...

Sci + Math & Data Proc
Part 66
FOR OFFICIAL USE ONLY

277,001

Hard Focusing in Linear Electron Accelerators,
by K. N. Stepanov, A. A. Sharshanov, 8 pp. .

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 8,
pp 1863-1869.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 8

Sci - Phys

Jun 58

64,764

Strong Focusing in Linear Electron Accelerators,
by K.N. Stepanov, A.A. Sharshanov, 3 pp.

RUSSIAN, per, Atomnaya Energiya, Vol II, No 2,
1957, pp. 178.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,011

Stability of Charged-Particle Motion in a Stellarator,
by A.A. Sharshanov, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXII, No 4, 1962, X
pp 395-401.

Sci
Oct
~~Aug~~ 62

Amer Inst Phys
Sov Phys - Tech Phys
Vol VII, No 4 214,918

On the Propagation of Electromagnetic Waves in
Almost-Periodic Waveguides, by A. A. Sharshanov,
K. N. Stepanov, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 7, 1957,
pp 1474-1482.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 7

Sci - Phys

May 58

64,261

Structure and Composition of the Carbide of Low-Tempered Steel, by Yu. A. Skakov, I. N. Chernikova, A. V. Sharshatkina, 3 pp.

RUSSIAN, part, Dok Ak Nauk SSSR, Vol CXVII, No 2, 1958, pp 284-285.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,473

Electromagnetic Coupling Between Twisted Circuits
in High-Frequency Cables of Symmetrical Construc-
tion, by V. O. Shwartsman, 13 pp.

RUSSIAN, pac, 'Elektrosvyaz', No 8, 1960,
pp 65-73.

USASIA Tr 1198

Sci - Electron

168,294

Sep 61

Dependence of the Phagocytic Function of Leukocytes
on their Carbohydrate Metabolism, by O. S. Shadrina.
3 pp.

RUSSIAN, *ibid.*, Byul Eksp. Biol i Med, Vol XLV,
No 3, 1958, pp 67-69

Consultants Bureau

Sci - Med

Nov 58

76, 744

Acid-Basic Properties of Metallurgic Cinder, by
L. A. Sh'arteman, I. T. Tomilin.

RUSSIAN, per, Uspekhi Khim, Vol XXVI, No 5, 1957.
pp 554-567.

Tech and Com

Sci - Chem

Apr 58

Vol. 243

Effect of the Tumor Extracts on the Catalase and
Coenzyme ~~A~~ A of the Liver of Normal Mice, by A. M.
Kuzin, K.S. Sharukhova (Sharouhcv), I. A. Chudinova
(Tchudinov), 7 pp.

RUSSIAN, per, Biokhim, Vol XX, 1955, pp 126-128.

AEC Tr 3186

Sci - Med

May 58

62,656

Study of Molybdenum Halides. 1. Vapor Pressure and
Dissociation Pressure of Molybdenum Pentachloride, by
S. A. Shchukarev, I. V. Vasilkova, B. N. Sharupin,
6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8,
1956, pp 2093-2096.

Consultants Bureau

Sci - Chem

56, 498

Dec 57

Measurement of the Resistance of High Purity
Tin at Helium Temperatures, by V. B. Zernov,
Yu. V. Sharvin, 5 pp.

RUSSIAN, per, Zhur Ekspier i Teoret Fiz,
Vol XXXVI (9), 1959, pp 1038-1045.

AIP
Sov Phys - JETP

Nov 59

100,894

The Dependence of the Penetration Depth of the
Magnetic Field in a Superconductor on the Magnitude
of the Magnetic Field, by Yu. V. Sharvin, V. F.
Gantmakher, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX,
No 5, Nov 1960, pp 1242-1250.

Internatl Physical Index
Physics Express
Vol III, No 7

158,754

Sci - Phys

Jun 61.

Measurement of Surface Tension at the Boundary Between
Superconducting and Normal Phases, by Yu. V.
Sharvin, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
XXXIII, No 6(12), 1957, pp 1341-1346.

Amer Inst of Phys
Sov Phys-JETP
Vol 5(33) No 6

Sci - Physics
Aug 58

69, 687

Anisotropy of Surface Tension at the Boundary Between
the Superconducting and Normal Phases of Tin, by Yu. V.
Sharvin, V. F. Gantmakher, 11 pp.

RUSSIAN, per, Zhur Ekspri i Teoret Fiz, Vol XXXVIII,
No 5, 1960, pp 1456-1470.

AIP
Sov Phys-JEIP
vol XI, No 5

135,478

Eci -
Dec 60

Structure of the Intermediate State of Superconductors, b B. M. Balashova, Yu. V. Sharvin, 6 pp.

RUSSIAN, no per, Zhur Ekspri i Teoret Fiz, Vol XXXI, No 1, 1956, pp 40-44.

Amer Inst of Physics
Soviet Physics, JETP
Vol IV, No 1

Sci - Physics
Apr 57 CRS

46,749

The Intermediate State of Superconductors, by E. M. Lifshits, Yu. V. Sharvin.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, 1951, p 783.-786

AEC Tr 1180

Sci - Physics

Sci Mus Div 113 1652/0308

Apr 52 CTS

The Dependence of Penetration Depth of a Magnetic Field
Into a Superconductor on the Strength of a Magnetic
Field, by Yu. V. Sharvin.

Full translation.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol ~~XXI~~,
1951, p 658.

SLA 61-13647

AEC Tr 1183

Sci - Physics

Sci Mu 1/13 16572/0363
A-10810

Apr 52 CTS

Dependence of the Depth of Penetration of the
Magnetic Field in a Superconductor on the
Magnetic Field Strength, by Yu. V. Sharvin,
V. F. Gantmakher, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX
No 5 (11), 1960, pp 1242-1250.

AIP
Soviet Phys - JETP
Vol XII, No 5

Sci

157,649

Jul 61

On the Structure of Superconductors in the
Intermediate State, by Yu. V. Sharvin and
B. M. Balashova, 15 pp.

RUSSIAN, per, Zhur Ekaper i Teoret Fiz, Vol
XXIII, No 2(8), 1952, pp 222-228.

SIA Tr R-1947

Sci

Jul 58

68,326

Oxidation of Hydrocarbons by Atmospheric Oxygen
Under the Initiating Action of Chlorine, by N. I.
Zemlyansky, O. A. Prib, and M. Ya. Sharypkina. ~~3~~ pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 10,
1952, pp 1770-1772.

Consultants Bureau

Scientific - Chemistry

14,493

A Low-Flying Target in the Air, by N. Shasha,
E. W.P.

RESEARCH, par, ~~Magazine-Vertrieb~~, No 7,
Moscow 1964, pp 22.

INT/IN Canada
Tab 3583(1)

UBER
HEA
Aug 65

N. Shasha

200, 510

The Fate of Plague Bacteriophage in the Organism of Healthy
and Plague-Infected Large Gerbils and Possible Routes of
Its Transmission Under Experimental Conditions, by
I. L. Martynovskiy, M. A. Shanigoyev, et al, 6 pp.

RUSSIAN, par. Zhur Mikrobiol, Epidemiol i Immunopatol,
No 3, 1963, pp 31-34.

JPRS J12159

Sci-Biol & Med Ser
Dec 63

243,609

The Design Principles of Multistage Broadband and
Pulse Amplifiers With Compensation, by V. P. ~~Shashurin~~
Shashurin, 12 pp.

RUSSIAN, ~~per~~, 100 Let So Dnya Rozhdeniya, A. S
Fopova, Yubileynaya, Sessiya, Moscow, 1960,
pp 133-140. 9676291

FTD-TT-61-245

Sci - Electron

192, 302

An Autotransformer Circuit for the High-frequency
Compensation of Resistance-coupled Tube Amplifiers,
by V. P. Shasherin, 11 pp

RUSSIAN, per, Radiotekh, Vol XIV, No 11, 1959,
pp 13-20

PP

Sol
Apr 61

148,171

The Constitution of Aluminum-Silicon-Iron Alloys,
by G. G. Urazov, A. V. Shashin, 20 pp.

RUSSIAN, per, Metallurg, Vol XII, No 4, 1937,
pp 27-41.

SLA R-2582

Sci
Aug 59

94, 564

The Effects of Alloying Elements γ on the Mechanical Properties of Welded Joints in Type 18-8 Steel During Long Service at 350-650°C, by D. M. Shashin, 7 pp.

RUSSIAN, per, Avtomat Svarka, No 11, 1961, pp 27-34.

BWRA

Sci

Oct 62

214,105

Condenser Discharge Butt Welding of Steel
Sections in 18%Ni9 Steel, by D. K. Shadrin,
H. Yu. Pal'chuk, 6 pp.

RUSSIAN, per, Svaroch Proiz, No 9, 1959, pp 1-6

British Welding Technology

Sci
Aug 60

122, 170

Clinical Analysis of Twenty-eight Theca Cell Tumours
of the Ovary, by M. M. Shashin, 3 pp.

RUSSIAN, per, Voprosy Onkologiy, Vol IV, No 2, 1958.
pp 187-189.

Pergamon Inst

Sci - Med

Jun 59

89, 676

Fatigue Strength Increased by Shot Peening, by M. Ya.
Shashin, 6 pp.

RUSSIAN, per, Metal i Tsveticheskaya Obra Metallov,
No 1, 1959, pp 42-46.

Henry Krutcher

Sci - Min/Mot

Sep 59

96,077

Depth of Strain-Hardened Layer Produced by Shot Peening
by N. A. Petrova, M. Ya. Shashin.

RUSSIAN, no per, Vest Mashinostroy, Vol XXXVI, No 11,
Moscow, 1956, pp 47-50.

Brutcher Tr 4024
\$3.90

Sci - Min/Met

57,034

Jan 58

On the Form of the Fatigue Curve for Stresses
Exceeding the Elastic Limit, by Il. Ya. Shashin,

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIII, No 3,
1953, pp 503-506.

23,699

Co-op Tr Sch, CTS 110
L.L.48. (48.00.)

Scientific - Physics

May 55 CTS

Standards for Comparison of Strain-Hardening
Conditions in Shot-Peening Machines, by M. Ya.
Shashin, et al,

RUSSIAN, per, Vest Mash, Vol XXXV, No 10, 1955,
pp 37-41.

HB 4824

Sci - Min/Metals

164,333

Aug 61

Study of Fatigue Strength of Shot Peened Specimens
Under Stresses Exceeding the Fatigue Limit, by
M. Ya. Shashin.

RUSSIAN, per, Vest Mash, Vol XXXII, No 9, 1952,
pp 57-60.

Butcher No 3145
\$3.90

Sci - Min/metals

40,688

On the Possibility of Separate Determination of Uranium and Thorium on the Basis of Data from Measurements of the Gamma Emission Spectra of their Ores in Place, by S. G. Troitskiy, V. L. Shashkin, 3 pp.

RUSSIAN, per, Atom Energ, Vol XII, No 1, 1962, pp70-73

CB

Sci

213,252

Aug 62

Instrumental Gamma Emission Spectra of Infinite
Uranium Ore Strata, by S. G. Troitskii, V. L.
Shashkin, 4 pp.

RUSSIAN, per, Atom Energ. Vol XII, No 1, 1962,
pp 67-69

CB

Sci

213,251

Aug 62

Unused Production Reserves [Inadequate Filling of
Carburizing Boxes], by B. I. Shashkin.

RUSSIAN, par, Metal i Term Obra Metallov, No 11,
1959, p 50.

HB 5161

Sci - Min/Metals

164,315

Aug 61

Radiometric Method of Assaying Solutions
for Uranium in the ~~EE~~ Presence of Ionium, by N. N.
Sheshkina.

RUSSIAN, per, Atomnaya Energiya, Vol X, No 4, 1961,
pp 392-~~392~~. 393.

Dept of Interior
TET E57 No 548

215,913

Sci - Min/Met
Oct62

Reduction and Electrochemical Reduction of
Organic Substances at Palladium Electrode. II.
Reduction and Electrochemical Reduction of
Allylcarbinol, by I. I. Kulakova, A. V. Shashkina,
5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 5,
1961, pp 1031-1039.

Cleaver-Hume Ltd .

Sci
May 62

195,422

Gasification of Cut Peat in a Suspended State,
by S. A. Shashin, XX 18 pp.

RUSSIAN, per, Kislod, No 2, 1944, pp 29-37.

Sci Trans Center KP-2809

32, 672

Scientific -- ~~Technology~~ *Fuels*

Apr 56

62-32146

Shashkina, N. N.

RADIOMETRIC METHOD OF ASSAYING SOLUTIONS
FOR URANIUM IN THE PRESENCE OF IONIUM
(Radiometricheskii Metod Opredeleniya Kontsentratsii
Urana v Rastvorakh, Soderzhashchikh Ionii) tr. by
Ivan Mitin. 1962 [5]p. 2 refs.
Order from OTS or SLA \$1.10 62-32146

I. Shashkina, N. N.
II. Geological Survey,
Denver, Colo.

Trans. of Atomnaya Energiya (USSR) 1961, v. 10,
no. 4, p. 392-393.

DESCRIPTORS: *Uranium, Solution, Determination,
*Thorium, *Radiochemistry, Radioactivity,
Scintillation counters.

(Nuclear Physics and Nuclear Chemistry, TT, v. 9,
no. 11)

Office of Technical Services

(X-3000)

(DC-2800/2).

Expand Correspondence Training of Officers, by
Sr Tech-Lt V. Shashkin, 2 pp.

RUSSIAN, np, Sovetskaya Aviatsiya, Moscow,
17 Dec 58.

*US JPRS 377-D

USSR

Mil

Feb 59

Methods of Analysis of Natural Radioelements, by
V. I. Shashkin, 141 pp.

RUSSIAN, bk, Metody Analiza Estestvennykh
Radioaktivnykh Elementov, Moscow, 1961. 9203582

AEC/tr no 5450

Sci - Electronics

Mar 63

336615

Quantitative Radiometric Measurement of Radio-
active Ores in the Natural Occurrence, V.L.
Shashkin, 6 pp.

RUSSIAN, per, Atomnaya Energiya, Vol II, NO1,
1957, pp. 48-53.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,047

Quantitative Radiometric Measurements of Radio-
active Ores in Natural Deposits, Part II by
V. L. Shashkin, 6y pp.

RUSSIAN, per, Atomnaya Energiya, Vol II, No 2,
1954, pp 157-162.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65, 018

Determination of the Adsorption of an Organic
Component From the Liquid Phase, by A. V.
Shashkina, I. I. Kulakova, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV,
No 8, 1961, pp 1846-1852.

Cleaver-Hume Press

Sci

Jul 62

204,050

Reduction and Electrochemical Reduction of Organic
Substances at a Palladium Electrode. I. Reduction
and Electrochemical Reduction of Acrolein, by
A. V. Shashkina, I. I. Kulakova, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol. XXXV, No 4, 1961,
pp 793-802.

Cleaver-Hume Press

Sci

184, 786

Feb 62

Methods of Analysis of Natural Radioelements,
by V. I. Shashkin,

RUSSIAN, bk, Metody Analiza Estestvennykh
Radioaktivnykh Elementov, 1961, 152 pp.

HEX
AIC -tr- 5458

Sci - Electronics
Jun 68

217,487

Mineralogy of Weathered Basalt Crust in West Volynya,
V. P. Shashkina, 15 pp.

RUSSIAN, per, Mineralog Sbornik Lvov Geologich Obshch,
No 13, 1959, pp 190-211.

Internatl Geology Review
Amer Geological Institute
Vol III, No 5

USSR

Geog

Jun 61

153,411

Agro-Climatic Zones and Precipitation Districts of
Western Siberia and of Northeastern Regions of
Kazakhstan, by D. I. Shashko.

RUSSIAN, Vsesoiuzn Akad Sel'skokhoz Nauk imeni V. I.
Lenina, Dok, Vol XIII, No 4, 1948, pp 3-9. 20 Ak1.

USDA Trans 287

USSR
Economic * Agriculture, phenology
Scientific * Biology, phenology

559

Shaskol'skaya, M. P. and El'tsin, I. A.
SELECTED PROBLEMS IN PHYSICS WITH ANSWERS.
1963, iv
Order from PP \$3.75

Trans. of mono. [Sbornik Izbrannykh Zadach po
Fizike, Moscow, 1959, 207p].

DESCRIPTORS: *Physics, Theory, Statics, Mechanics,
Optics, Electricity.

(Physics, TT, v. 10, no. 12)

63-22626

I. Shaskol'skaya, M. P.
II. El'tsin, I. A.
III. Pergamon Press, Inc.,
New York

6321

Office of Technical Services

Generation of Dislocations in the Propagation and
Coalescence of Cracks in Ionic Crystals, by
M. P. Shaskol'skaya, Wang Yen-wen, et al, 8 pp.

RUSSIAN, per, Kristallografiya, Vol VI, No 4,
1961, pp 605-613.

AIP
Sov Phys - Crystall
Vol VI, No 4

Sci
23 Jul 62

203,930

Elementary Physics Problems, by Shashkol'skaya, Y. A.
El'tsin.

RUSSIAN, bk, 160 pp.

*Pergamon Inst.

Jun 59

**Self-Oscillation in Circuits with Thermistors, by A. G. Shustkov,
15 pp.
RUSSIAN, part, Radiotekhnika, Akad. Nauk Belorussk. SSR,
Vol V, No 11, 1962, pp 64-72.**

AEC-rlc-T-530

**Sci - Elec
Feb 61**

250, 571

Electric-Arc Preheaters for Formation of High-
Temperature Jets, by A. G. Shashkov, O. I. Yas'ko,
et al, 27 pp.

RUSSIAN, per, Inzhenerno-Fiz. Zhur, Vol. V, No 1,
1962, pp 115-129. 9666846

FTD-IT-62-1092

Sci - Phys
Nov 62

216, 285

Transient Response in a DC Circuit Consisting
of an Ohmic Resistance and a Thermistor, by
A. G. Shashkov, 7 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XX,
No 1, 1959, pp 23-30.

Instru Soc of Amer

Sci
Apr 60

112,491

(NY-6880)

BOOK REVIEW OF SEMICONDUCTOR THERMISTORS,
BY I. F. VOLOSHIN, A. S. KASPEROVICH,
A. O. SHANNON, BY S. S. SOTENOV, 6 PP.

RUSSIAN, PER. INZHIFIZ ZHUR, VOL. 111,
NO 1, 1960, PP 184-186.

JPRS 12510

SCI - ENGR
MAR 62

183,,182

A Semiconductor Vacuum Gage, by A. V. Bulyga,
A. G. Shashkov, 12, pp.

RUSSIAN, per, Inzhen-Fiz Zhur, Vol VI, No 12,
1963.

JPRS 23730

Sci

Mar 64

253406

Block Diagrams of Measurements of Parameters / 00
of Flows with the Help of Thermistors,
by A. G. Shashkov, 9 pp.
RUSSIAN, per, Inzhenerno-Fizicheskiy Zhurnal,
Vol VII, No 9, 1964, pp 83-87.
FTD INT 63-329

A. G. Shashkov

Sci-Phys
May 67

324,980

The Force Action of a Jet Upon a Vane in Pneumatic
and Hydraulic Control Elements of the Nozzle-Vane
Type, by V. N. Dmitriev, A. G. Shashkov, 11 pp.

RUSSIAN, no per, Avtomat i Telemekh, Vol XVII, No 6,
Jun 1956, pp 559-569.

Consultants Bureau

Sci - K Physics
Sep 57

52,864

Experience in the Work of the VNIIAVTOGEN Central
Experimental Welding Shops in the Light of the De-
cision of the June Plenary Session of the Central
Committee of the Communist Party of the Soviet
Union, by A. N. Shashkov, K. P. Voshchanov, 7 pp.

RUSSIAN, per, Svaroch Proiz, No 11, 1959, pp 1, 2.

British Welding Res Assoc

Sci

Sep 60

126,509

The Weldability of Special Steels, by A. E.
Shashkov.

RUSSIAN, per, Avto Delo, Vol XII, No 6,
1941.

B.S.A. Res Group
OT/1313

Sci - Engineering, Minerals, Metals

30,088

Electrode Coatings for the Welding of Low Alloy
Steel, by A. N. Shashkov, S. K. Avogintsev,
G. N. Dubova.

RUSSIAN, not, Avto Delo, Vol XVIII, No 9, 1967,
pp 17-20.

Brutcher TR No 2191

Scientific * Minerals/Metals

\$5.75

2716

SHASHKOV, A. N.

Zavodskaya Laboratoriya, vol. 14, 1947, p. 1417:
450 words.

Treatment of metallographic specimens with
paraffin wax.

AEC TR 71

Brutcher, Trans. Order No. 1199, #1.10

Flame Treatment in 1959-1965, by A. N. Ghashkov,
8 pp.

RUSSIAN, per, Svaroch Proiz, No 5, 1979, pp 1-3.

BRITISH WELDING NEWS JOURNAL

Sci

Aug 60

123,715

(DC-1102)

A Rise in the Productivity and the Automatization of the Operations of an Acetylene Filling Station, by A. N. Shashkov, I. I. Strizhivskiy, V. F. Ol'kovskiy, N. N. Matveyev, 14 pp. UNCLASSIFIED

RUSSIAN, eight-x-yr per, Khim Prom, No 4, Moscow, Jun 1955, pp 222-227.

US JPRS/DC-L-229

Sci - Chemistry

63,437

Welding Engineering in Yugoslavia, by N. H.
Rykalin, A. N. Shashkov, 6 pp.

RUSSIAN, per, Svaroch Proiz, No 3, 1960,
pp 41-44.

ESRA

Sci

Apr 61

152, 475

(NY-3120).

A. N. Slashkov (60th Birthday), 2 pp.

RUSSIAN, per, Svarochnoye Proiz, No 12, 1958,
p 35.

JPRS-I-1100-4

Sci - Misc
Jan 60

The effects of the alloying elements on the corrosion-resistance of welded joints in 1Kh18N9T steel heated for long periods at 350-650°C., by D. M. Shashin and N. Ya. Pal'chuk, 7 pp.

RUSSIAN, per, Avtomat Svarka, No 3, 1962, pp 32-39.

BWRA

Sci

Feb 63

234,035

Electrical Resistivity of some Alloys in the ~~Liquid~~
Liquid State, by A.M. Korol'kov, D.P. Shashkov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk in
Metall i Toplivo, No 1, 1962, pp 84-88.

SIC

Sci

213,685

Aug 62

The Operation of the VK-44 End Switches, by G. Shashkov, 2 pp.

RUSSIAN, per, Vest Voz Flota, No 1, 1955, p 90.

CIA D 542997

ATIC F-TS-8716/III

USSR

Military

Feb 1957 CTS/DEX

44, 436

Maintenance of Aircraft Fuel Systems in Winter,
by G. Shagkov, 3 pp.

RUSSIAN, ^{imp} per, Vest Voz Flota, No 1, 1955,
pp 67-69, CIA D 322222 + 54247
/ Encl to IR-1082-55.
AF 692347

USSR
Military - Aviation
Dec 55 CFS

28,931

Under Field Conditions, by G. G. Shashkov, 3 pp.

RUSSIAN, par, Vest Voz Flota, No 6, 1958, pp 53, 54.
CIA 642429

ASTIC

Sci - Aeronomics

Dec 58

77,775

Preservation of Aircraft Engines, by G. G. Shashkov. 2 pp.

RUSSIAN, no per, Vestnik Vozdushnogo Flota. No 11. Moscow,
1956, pp 64, 65. *CIA 665454*

AF 1116243

USSR

Sci Aeronautics - Malfunctioning, preventive measures

Nov 57

511777

Apparatus to Grow Crystals of Highly-Active
Metals, by D. A. Petrov and I. M. Shashkov,
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk
No 5, 1957, pp 102, 103.

SLA R-1584

Sci

Aug 58

71,679

(NY-5289)

Observing Completion Dates According to the
Plan for Limited Capital Investments, by Ivan
Shashkov, 9 pp.

BULGARIAN, per, Finansni i Kredit, No 7, 1960,
pp 29-35.

JPRS 7731

REur - Bulgaria

140, 327

Econ

Feb 61

10 705

GE-1

Yu. M. SHASHKOV, I. P. AKIMCHENKO

Diffusion of lithium into silicium

Die Diffusion von Lithium in Silizium

Doklady Akad. Nauk SSSR, 128, 937-939 (1959)

Physikalische Abhandlungen aus der Sowjetunion, 2, No. 3,
252-255 (1960)

342 - German

E u r a t o m

Device for Direct Growing of Crystals from High-
Reactivity Metal Powders, by D. A. Petrov, Yu. M.
Smashkov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh. Nauk,
No 5, May 1957, pp 102-103.

Emutcher Tr 4074
\$1.90
SLA Tr R-1584

Sci - Min/Mat

Apr 58

61, 4 2 0

TP 922

SHASHKOV Yu. M.

The metallurgy of semiconductors

Russian monograph: "Metallurgiya poluprovodnikov". 1960

English

E u r a t o m

Crystal Growing of Silicon Carbide From the Gas
Phase, by Yu. M. Shashkov, V. V. Rozhdostvenskaya.
19 pp.

RUSSIAN, per, Ak Nauk SSSR. Institut Kristallo-
grafii. Rept Kristallo, Vol 4, 1964, pp 117-121. 81

FIG0029766

FTD-MF-65-476

Yu. M. Shashkov

Sci/Physics
Sep 66

309,476

Method of Measuring Electric Conductivity of Melted
Slags, by Yu. M. Shashkov.

RUSSIAN, paper.

113

Sci - *Electron*

Mar 61